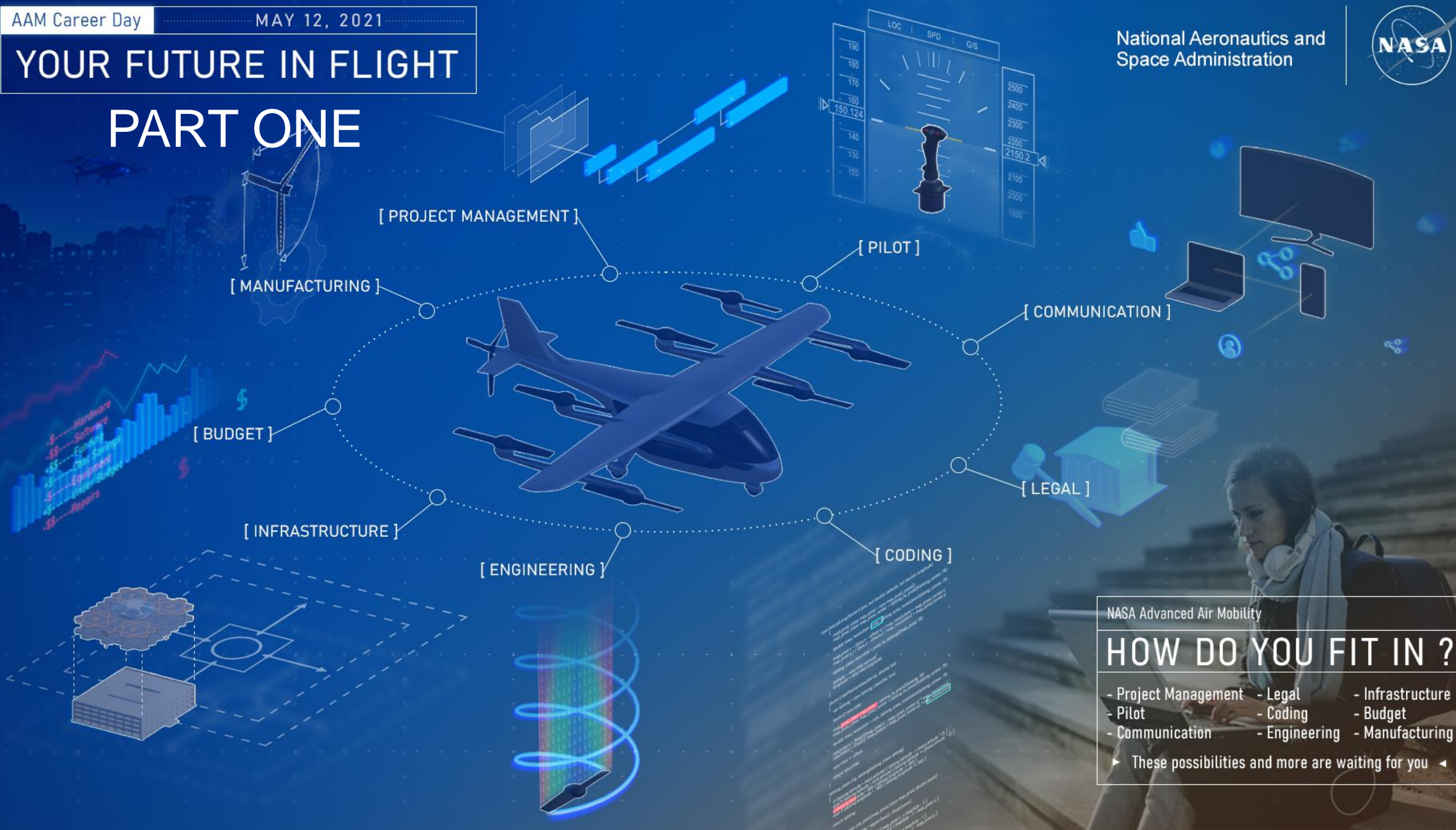


## YOUR FUTURE IN FLIGHT

## PART ONE

National Aeronautics and  
Space Administration





# AGENDA

## NASA Aeronautics Career Opportunities

### Career Tracks Breakout

Research and Engineering	Flight Operations	Project Support
Aerospace Engineer	Flight Operations Engineer	Project Management
Computer Engineer	Test Pilot	Attorney/Advisor
Human Factors Research Associate	Technician	Social Media





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## AAM Mission Integration Manager

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at NASA HQ  
Washington, DC

# Davis Hackenberg

Penn State  
University



NASA Armstrong  
Pad Abort



NASA HQ  
Advanced Air Mobility



Hometown:  
Northumberland, PA



NASA Co-op Program  
Johnson Space Center

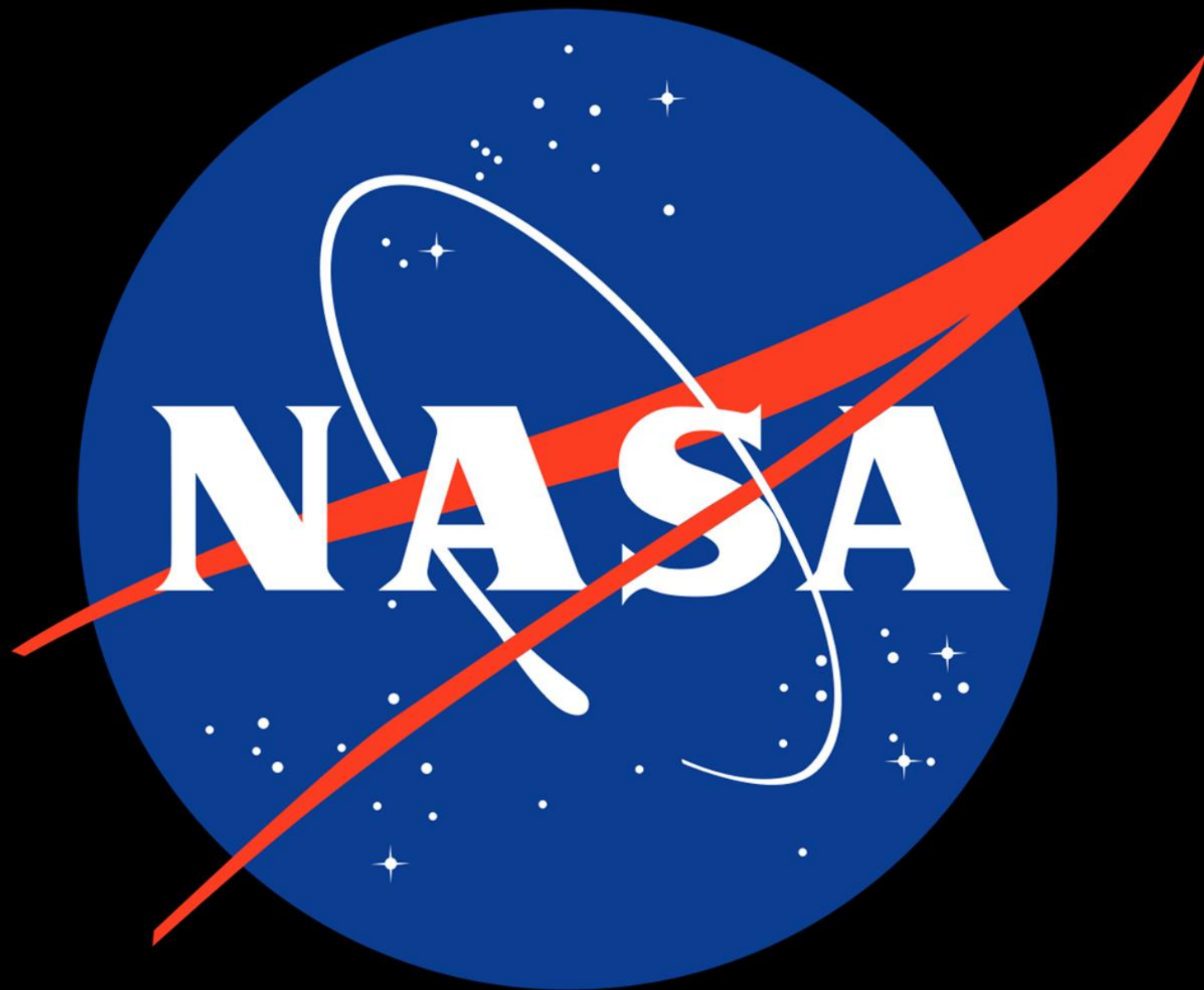


Boeing



NASA Armstrong  
UAS-NAS







Why is “Aeronautics” the First “A” in NASA?



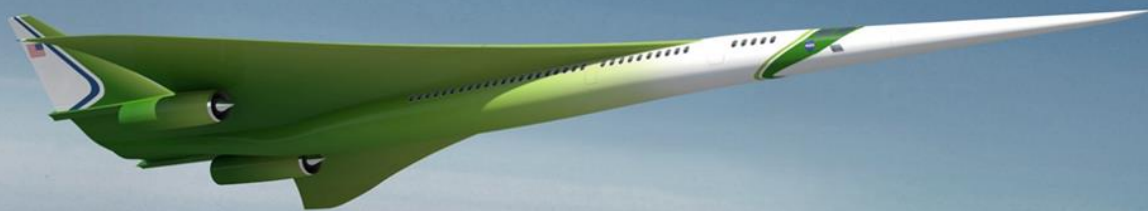




ULTRA-EFFICIENT TRANSPORT



FUTURE AIRSPACE



HIGH-SPEED COMMERCIAL FLIGHT



ADVANCED AIR MOBILITY

Four Transformations for Sustainability, Greater Mobility, and Economic Growth



CARGO  
TRANSPORT



PUBLIC GOOD



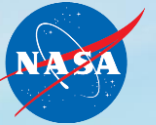
CONSUMER/  
ENTERPRISE  
GOODS AND  
SERVICES



PASSENGER  
TRANSPORT









## RESEARCH AND ENGINEERING



Aerospace Engineer



Computer Engineer



Human Factors  
Research Associate

## FLIGHT OPERATIONS



Flight Operations Engineer



Test Pilot



Technician

## PROJECT SUPPORT



Project Management



Attorney/Advisor



Social Media







# Career Tracks

*(9:25AM – 10:00AM PT / 12:25PM – 1:00PM ET)*

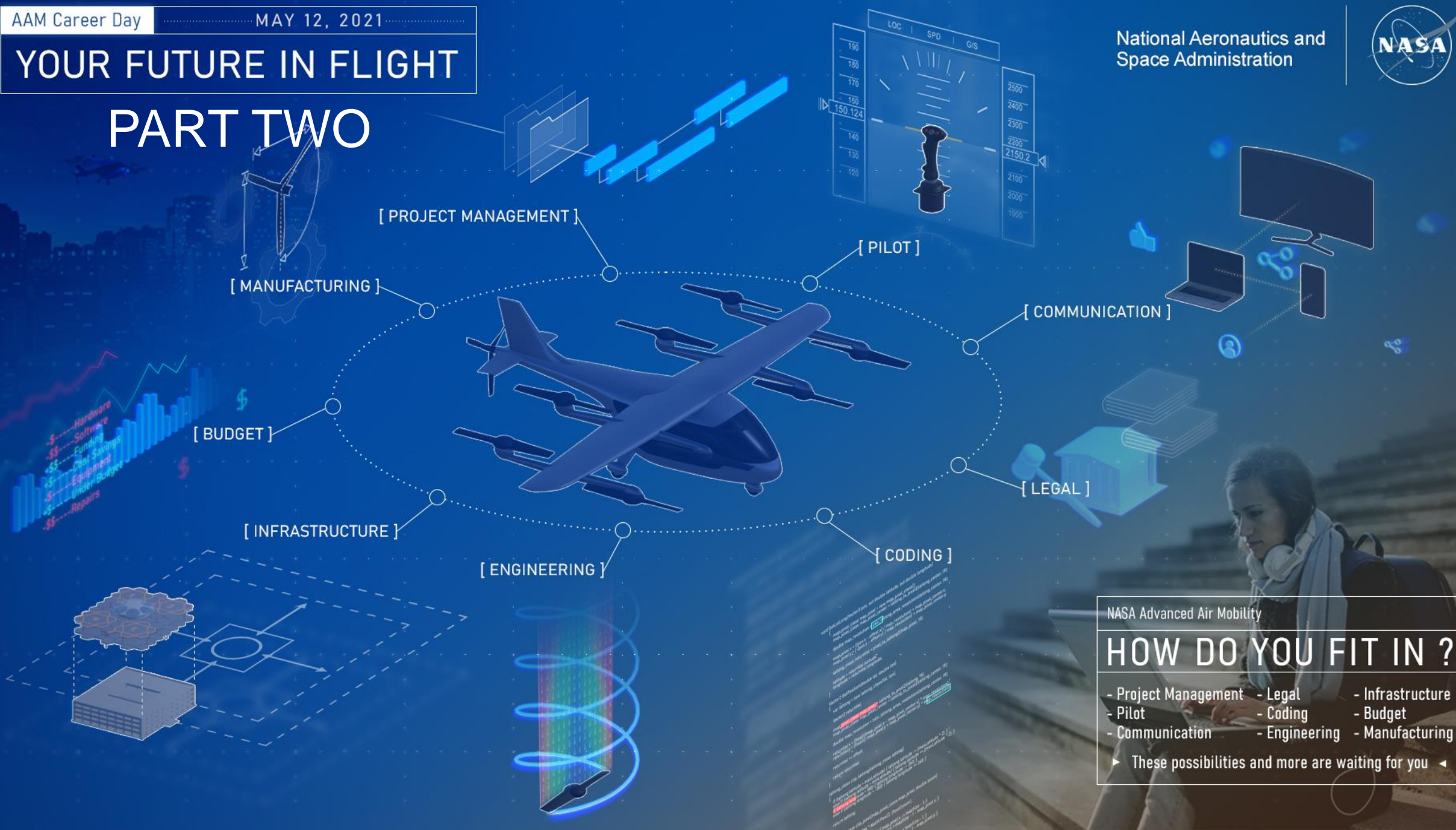
To access the individual tracks, use the YouTube Live Stream links in the agenda accessible here:

<https://nari.arc.nasa.gov/ac-agenda>



## YOUR FUTURE IN FLIGHT

## PART TWO

National Aeronautics and  
Space Administration

NASA Advanced Air Mobility

## HOW DO YOU FIT IN ?

- Project Management
- Pilot
- Communication
- Legal
- Coding
- Engineering
- Infrastructure
- Budget
- Manufacturing

▶ These possibilities and more are waiting for you ◀





# AGENDA

- **Your Future in Flight**
- **How the Digital Generation will Impact Aviation**
- **NASA Intern Experience**
- **NASA STEM**
- **Closing**





# Advanced Air Mobility





# How the Digital Generation will Impact Aviation











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## Instrumentation & Integration Engineer

---

at NASA Armstrong  
Edwards Air Force Base

# Kassidy McLaughlin

NASA Armstrong Summer  
Intern (before college)



NASA Armstrong  
Summer Intern (Yes, again!)



Pathways Intern



Instrumentation and  
Integration Engineer –  
NASA Armstrong



Hometown:  
Rosamond, CA



Cal State University  
Long Beach



Pathways Intern



Pathways Intern





# April Lanotte

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NASA Aeronautics Research Mission Directorate  
STEM Integration Lead  
[april.a.lanotte@nasa.gov](mailto:april.a.lanotte@nasa.gov)

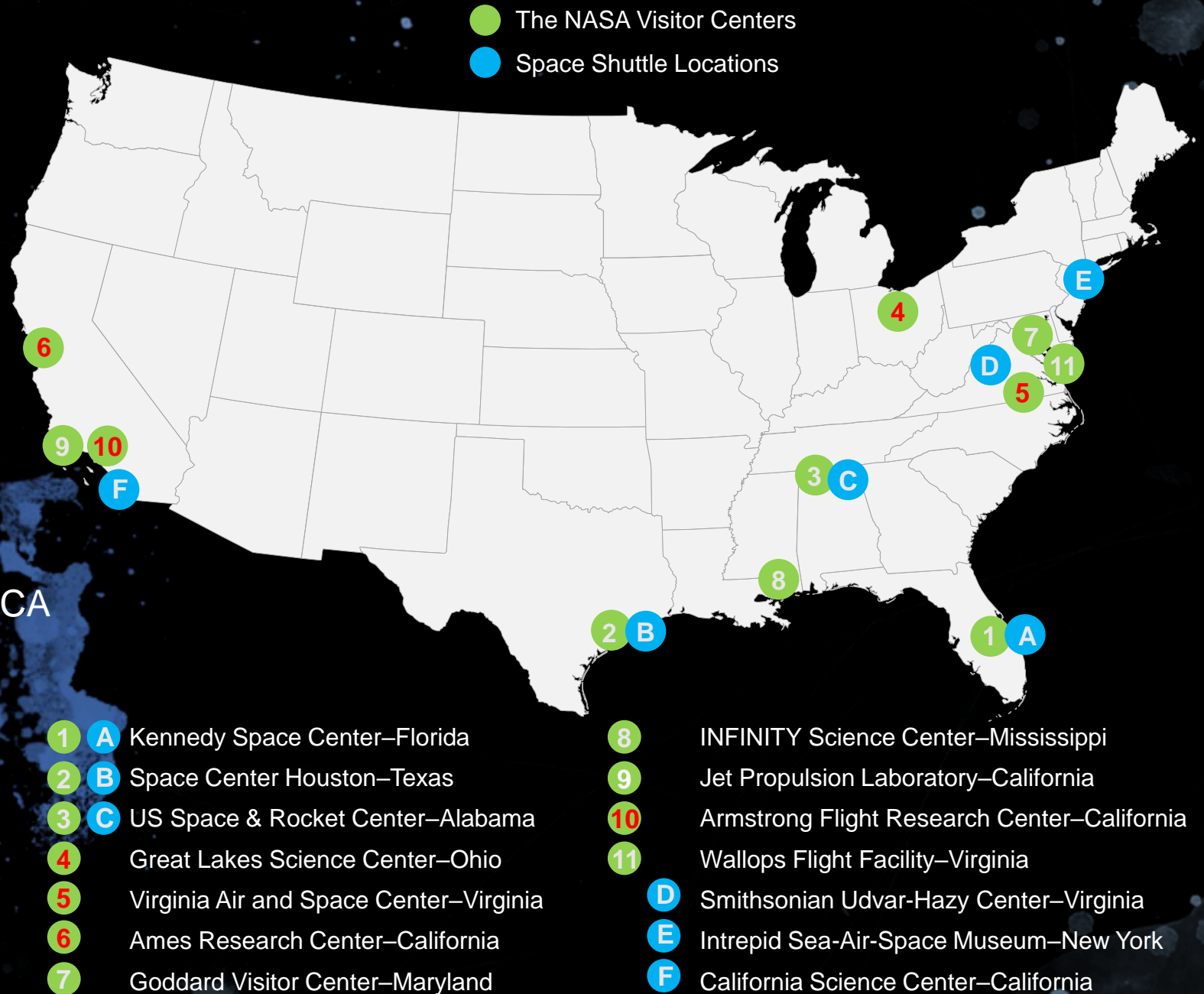
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# NASA Centers and a focus on Aeronautics

- Ames Research Center – CA
- Armstrong Flight Research Center – CA
- Glenn Research Center – OH
- Langley Research Center –VA





# Education and NASA: Join Us!

## Students

- Internships: <https://intern.nasa.gov/>
- Fellowships: <https://www.nasa.gov/stem/fellowships-scholarships/index.html>
- Pathways: <https://www.usajobs.gov/search/results?d+NN&hp+student&p+1>

## Educators

- NASA Express
- Office of STEM Engagement
- Aeronautics Resources



**Educators: Join our  
NASA Aeronautics for  
Educators Facebook page  
and sign up for our monthly  
STEM newsletter:  
[https://forms.gle/v7jBcaBVtf  
CPvENx8](https://forms.gle/v7jBcaBVtfCPvENx8)**







# NASA Aeronautics Education Resources

<https://www.nasa.gov/aeroresearch/resources>

## Next Gen STEM: Aeronaut-X

<https://www.nasa.gov/stem/nextgenstem/aeronaut-x/index.html>

## Aeronautics@Home

<https://www.nasa.gov/aero-at-home>

## Leveled Readers

<https://www.nasa.gov/aeroresearch/resources/leveled-readers>

## STEM MODULES

### Aeronautics for Pre-K

<https://www.nasa.gov/sites/default/files/atoms/files/aero-prek.pdf>

### Museum in a Box

<https://www.nasa.gov/aeroresearch/resources/museum-in-a-box>

### eBooks

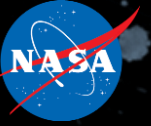
[https://www.nasa.gov/connect/ebooks/aeronautics\\_ebooks\\_archive\\_1.html](https://www.nasa.gov/connect/ebooks/aeronautics_ebooks_archive_1.html)

...and much more!





# Thank You For Attending



To learn more about NASA AAM visit:  
[www.nasa.gov/aam](http://www.nasa.gov/aam)

